REMARKS

I. Summary of the Examiner's Action

A. Objection to Specification Amendments

At page 4, lines 11 - 16 of the April 19 Office Action, the Examiner objected to amendments made to the specification in Applicant's March 19, 2006 Amendment under 35 U.S.C. § 132(a) because they allegedly introduced new matter into the disclosure.

B. Claim Rejections

Claims 15, 17, 25 and 26 stand rejected under 35 U.S.C. § 112, first paragraph, as failing to comply with the written description requirement.

Claims 1, 2 and 22 stand rejected under 35 U.S.C. § 102(e) as being anticipated by United States Patent No. 6,625,750 to Duso *et al.* (hereinafter "the Duso patent").

Claims 1 and 5 stand rejected under 35 U.S.C. § 102(b) as being anticipated by United States Patent Application Publication No. US 2001/0001563 A1 to Tomaszewski (hereinafter "the Tomaszewski application").

Claim 3 stands rejected under 35 U.S.C. § 103 (a) as being unpatentable over the Tomaszewski application in view of United States Patent No. 6,622,178 to Burke et al. (hereinafter "the Burke patent").

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Claim 4 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over

Tomaszewski in view of Burke and further in view of "On-The-Go Supplement to the

USB 2.0 Specification Revision 1.0a" of Chandler et al. (hereinafter "the Chandler

USB 2.0 reference").

Claims 6, 7, 11, 13, 14, 15, 16, 24 and 25 stand rejected under 35 U.S.C. § 103

(a) as being unpatentable over the Burke patent in view of the Chandler USB 2.0

reference.

Claims 17, 18, 19, 23 and 26 stand rejected under 35 U.S.C. § 103(a) as being

unpatentable over the Tomaszewski patent in view of the Chandler USB 2.0

reference.

These objections and rejections are respectfully disagreed with, and traversed

below.

C. Allowable Subject Matter

The Examiner objected to claims 8 – 10 and 12 as being dependent upon a

rejected base claim, but indicated that the claims would be allowable if rewritten in

independent form including all the limitations of the base claim and any intervening

claim.

II. Summary of Interview Conducted on September 8, 2006

In a telephonic interview conducted on September 8, 2006, the Examiner and Applicant's Representative reached an agreement. It was agreed that claims 6 – 12; 14 – 19; 22; and 24 – 26 were allowable in their current form. In addition, the Examiner indicated that claim 1 would be allowable if it was amended to recite the subject matter of claims 3 and 4. The Examiner maintained the rejection of claim 23. Applicant's Representative indicated that a Second Amendment after Final Rejection would be submitted amending the claims in the agreed-to manner.

III. <u>Applicant's Response – Amendment of</u> Specification

The objection to the amendment of the specification is now moot in view of the September 8, 2006 Teleconference. Applicants reiterate their comments regarding the Examiner's objection to the amendment of the specification below.

The Examiner alleged that "detection means for detecting the absence of a reply signal and the disconnection of the peripheral" added to the specification is new matter which is not supported by the original disclosure. The applicant disagrees. The specification states, in relation to the interface connected as a default host interface in FIG. 1, that "The A/B interface 12 monitors the second pin contact 42 and the third pin contact 44 and detects when a pull-up resistor [transistor] 24 is connected to the second pin contact (D+) or the third pin contact (D-)." (Application, page 6, lines 22 - 24). The description continues "The USB transceiver 14 provides a detection signal to the controller 30 when a pull-up resistor 24 is detected from one of the data pin contacts 42, 44." (Application, page 7, lines 4 - 5). It is clear from these

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passages that the interface monitors the data pin contacts 42, 44 for the connection of

a pull-up resistor 24. In the absence of a reply signal in the form of the connection of

a pull-up resistor 24, the USB transceiver 14 does not send a detection signal to the

controller 30. In the absence of the controller receiving a detection signal, the

controller detects that a peripheral is disconnected and will not commence

enumeration.

The specification states, in relation to the interface connected as a default

peripheral interface in FIG. 2, that "The USB transceiver 114 monitors the state of

Vbus via the first pin contact 140, as an attached host interface 122 responds to the

SRP by turning Vbus on" (Application, page 10, lines 3 - 4). It is clear that the

interface when connected as a peripheral monitors Vbus and that the absence of a

reply signal in the form of turning Vbus on by an attached host indicates that the

peripheral is disconnected.

Therefore the term "detection means for detecting the absence of a reply signal

and the disconnection of the peripheral" is supported in the disclosure as filed and

does not constitute new matter.

IV. Applicant's Response - Rejection of Claims 15, 17, 25 and 26

under 35 U.S.C. § 112, first paragraph

In the September 8, 2006 Teleconference the Examiner indicated that the

rejection of claims 15, 18, 25 and 26 under 35 U.S.C. 112, first paragraph was

withdrawn.

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V. Applicant's Response - Prior Art Rejections

A. September 8, 2006 Teleconference

In the September 8, 2006 Teleconference the Examiner indicated that the prior art rejections of claims 6 - 12; 14 - 19; 22; and 24 - 26 were withdrawn. The Examiner also indicated that claim 1 would be allowable if it was amended to recite the limitations of claims 3 and 4. The Examiner maintained the rejection of claim 23. Applicant has made the requested amendment to claim 1, and cancelled claims 3 and 4. Applicant has amended claim 23 in a manner similar to claim 1. In view of the foregoing, Applicant respectfully submits that claims 1, 2, 5, 6 - 12, 14 - 19, and 22 - 26 are now allowable.

Applicants reiterate their arguments below supporting the patentability of the claims.

B. Applicant's Invention

Embodiments of the invention relate to a dual-mode USB interface connectable as a default host to a peripheral or as default peripheral to a host that enables power to be removed from Vbus in order to save energy, but that maintains the ability to determine if a device is disconnected or a new device is connected. The interface in embodiments of the present invention checks for a connection by periodically starting a session if connected as a host or by periodically requesting a session if connected as a peripheral.

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In rejecting the claims, the Examiner relied on art that either does not check a

connection, or in which a session is already started, or in which a session request is

used in a conventional manner, e.g., to request a session in which data can be

communicated and not to check a connection.

In the present invention, new session initiation and request functionality

implemented in recent standards is used in a novel and non-obvious manner to check

connections of hosts or peripherals to the dual-mode interface. None of the art of

record, whether taken singly or in combination, shows any appreciation for this mode

of operation.

C. Rejection of Claims 1, 2 and 22 under 35 U.S.C. § 102(e)

It is not seen what relevance the cited portions of the Duso patent have to the

claims at issue because the portions do not disclose a method for checking a

connection. In the portions of Duso relied upon by the Examiner, a method is

disclosed whereby a master controller server and slave controller servers send

heartbeat signals indicating their respective failure status. In other words, both the

master controller server and slave controller servers are performing a reporting

operation, wherein the master controller server and slave controller servers are

reporting their respective status.

Claim 1 is not directed to reporting operations. Rather, claim 1 is directed to

testing operations performed by an interface, wherein the status of a connection is

tested to determine whether host or peripheral devices have been connected to or

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disconnected from the interface. In the context of claim 1, the words used to recite

this testing operation are "periodically checking a connection," so the Examiner

should not be heard to say that a testing operation is not recited. A testing operation is

recited, but using synonymous words.

In Applicant's invention, when connected as a default host interface, the

interface "periodically checks a connection", and when connected as default

peripheral interface, the interface "periodically checks a connection." When

connected as a default host interface, the interface checks the connection "by

periodically starting a session", and when connected as a default peripheral interface,

the interface checks the connection "by periodically requesting a session."

Whether operating as a default host interface, or as a default peripheral

interface, the interface does not perform a reporting operation when it "periodically

checks a connection"; rather it performs a testing operation.

The fact that it is a testing operation is evident from terminology used in the

claims themselves - "checking a connection" - and would be understood as such by

one skilled in the art. Further, when read in light of the specification, one skilled in

the art would not interpret "checking a connection" as a reporting operation, as shown

at page 5, line 29 – page 6, line 20 (emphasis added):

"The A/B interface 12 is capable of detecting automatically,

without user intervention, a device connected to it by periodically polling

Vbus. The USB transceiver 14 repeatedly sends a poll signal via the first

contact pin 40. The poll signals are sent periodically as a train of voltage

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pulses that have a constant interval between them. In alternative embodiments the interval may vary."

"The USB transceiver 14 achieves this using the controllable switch 16 by periodically switching power on at the first pin contact 40 and then switching power off. The period between the successive occasions on which the USB transceiver 14 switches power on is of the order one second. However, this period may be varied. The duration for which the power is switched on is at least 200ms but preferably of the order 200ms. The duration is dependent upon the acceptable delay in responding to device connection/disconnection/reconnection."

"The B-interface 22 monitors Vbus and when the voltage on the line exceeds a predetermined threshold, a pull-up resistor 24 is connected to one of the data lines D+, D-. This is not described in detail as this is how a current peripheral USB device responds to a host initiating a session by switching and keeping Vbus on. If the B-interface 22 is a high speed then the pull-up resistor is connected to the data line D+ using a switch. If the B-interface 22 is a low speed interface then the pull-up resistor is connected to the data line D- using a switch."

The foregoing sections of Applicant's specification should be contrasted with the relied-upon portions of the Duso patent appearing at column 51, lines 25 - 39 and column 52, lines 5 - 8 (emphasis added):

"Each second a 'heartbeat' signal is sent over both channels of the dual-redundant internal Ethernet 26 from the master controller server to the slave controller server and from the slave controller server to the master controller server."

"The heartbeat signal from the master controller server indicates whether or not the master controller server has any failure, such as a processor problem, severe enough that the slave controller server should assume master status. The slave controller server assumes master status when it fails to receive the heartbeat signal from the master controller

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server within a configurable heartbeat interval or when the heartbeat signal from the master controller server indicates a failure severe enough that the slave controller server should assume master status."

* * *

"The heartbeat signal from the slave controller server indicates whether or not the slave controller server has any failure severe enough that the master controller server should 'call home' and report the failure."

These portions of Duso describe *reporting* operations where one device reports its respective status to another device and not to *testing* operations where a *connection is* checked.

In addition, claim 1 recites that when a device is connected as a default host interface, a connection is checked by periodically starting a session and when the interface is connected a default peripheral interface a connection is checked by periodically requesting a session. A session in the context of the present invention would be understood by one skilled in the art to be defined as in the Chandler USB 2.0 reference which at page 37, section 5.3.1 states "a session is defined as the period of time that Vbus is above the Session Valid threshold of a given device." As the claim terminology should be interpreted as one of ordinary skill in the art would understand it (see MPEP 2111.01(II)), the term "session" should be assigned the meaning set forth in the Chandler USB 2.0 reference. If the Examiner disagrees, Applicant respectfully requests that the Examiner point out with particularity where in the specification Applicant acted as his own lexicographer and provided a non-standard definition for "session". According "session" its customary meaning for the purpose of construing claim 1, it is not seen what relevance the heartbeat signals of

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Duso have to do with "starting a session" or "requesting a session" as recited in claim

1.

The heartbeat signal in Duso from the master to the slave indicates the

operational status of the master, it does not start a session. The heartbeat signal from

the slave to the master indicates the operational status of the slave, it does not request

a session. In both cases a connection is not being checked. Therefore, there is no

disclosure or suggestion in Duso of the master server "checking a connection by

periodically starting a session" as recited in claim 1 or the slave server "checking a

connection by periodically requesting a session" as recited in claim 1.

Further, Applicant has amended claim 1 to recite the subject matter of claims 3

and 4 (now cancelled). It is not seen where the Duso patent either describes or

suggests the subject matter formerly recited in claims 3 and 4 which is now recited by

claim 1.

As a result, independent claim 1 is patentable over the Duso patent.

Independent claim 22 is patentable for similar reasons, as is dependent claim 2, which

depends from claim 1.

D. Rejection of Claims 1 and 5 under 35 U.S.C. § 102(b)

It is not seen what relevance the Tomaszewski application has to the claims at

issue because the methods disclosed in Tomaszewski are premised on the assumption

that a session as defined in the Chandler USB 2.0 reference already has begun. As a

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result, in no meaningful way can it be said that Tomaszewski either describes or

suggests "a first automated means for periodically checking a connection by

periodically starting a session", or "a second automated means for periodically

checking a connection by periodically requesting a session," as recited in claim 1.

The Tomaszweski application discloses a method of controlling the mode of

operation of a digital camera depending upon whether the camera is tethered to a

computer or not. The camera has a camera manager 501 that includes a Vbus signal

checker 500 which periodically polls a Vbus bit 508 in a software readable register

207. The Vbus bit is asserted when a Vbus signal is detected on Vbus line 200.

When the Vbus bit indicates the presence of the Vbus signal, the camera operates in

tethered mode. This operates in the conventional manner of the prior art; it is

assumed that when the camera is connected Vbus is high as in earlier conventional

practice associated with USB interfaces.

In Tomaszewski, in order for the camera to detect a connection to the

computer, the camera manager 501 polls a Vbus bit 508 in register 207. In

Tomaszewski, Vbus must already be powered by the computer upon connection of

the camera, because if Vbus were not powered, upon connection, the camera would

not be able to determine if it was tethered to the computer. In the absence of a Vbus

signal, the Vbus bit would not be asserted and the camera would not detect connection

and, as a result, would operate in portable mode. Further, the camera manager 501

does not request the computer to start a session because Vbus is already powered by

the computer upon connection. Therefore, Tomaszewski does not disclose or suggest

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"second automated means for periodically checking a connection by periodically

requesting a session when connected as a default peripheral" as recited in claim 1.

As disclosed, the host interface (computer) in Tomaszewski must continually

provide power to Vbus in order for the peripheral interface of the camera to detect if it

is tethered to the computer, as discussed above. Therefore, there is no disclosure or

suggestion in Tomaszewski of "first automated means for periodically checking a

connection by periodically starting a session when connected as default host" as

recited in claim 1, because Vbus is continually powered.

In summary, Applicants' invention seeks to avoid having Vbus continually

high while still maintaining the ability to check periodically connection status of hosts

and peripherals connected to the dual-mode interface. Applicant's invention

accomplishes this by using the session initiation and request functionality

implemented in later USB standards in a novel and non-obvious manner to check

connection status. It is not seen what relevance a reference which operates in

conventional manner - with Vbus already high (i.e., a session is already initiated) -

has to the claims at issue. Claim 1 recites "checking a connection by periodically

starting a session" and "checking a connection by periodically requesting a session."

Hence a method that operates on the assumption that a session has already begun – as

in the case of Tomaszewski - has no relevance to the claims.

Additionally, Tomaszewski only discloses a computer that acts as host and a

camera that acts as peripheral. One end of a USB cable 106 connects to a peripheral

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port 107 on the camera and the other end connects to a host port 108 on the computer.

The camera cannot act as a host interface and the computer cannot act as a peripheral

interface. Therefore Tomaszewski does not disclose "an interface connectable as a

default host to a peripheral or as a default peripheral to a host" as recited in claim 1

because Tomaszewski discloses two interfaces, one of which is always host

(computer) and one of which is always peripheral (camera).

United States Patent No. 6,898,652 to Peters et al. (hereinafter "the Peters

patent") discloses that "... the host periodically polls each attached USB hub device

to determine the state of each of the hub's active downstream ports" (Column 1, lines

20 - 22). Peters continues, "the hub determines the attachment and detachment of

devices ... the hub then sets bits in its status register indicating any changes to its

ports. The host subsequently reads the status register on the next poll period"

(Column 1, lines 25 – 30). Therefore, Peters discloses that the attachment/detachment

of devices to a hub is determined by the host periodically polling a status register in

the hub. Therefore, Peters does not disclose a host interface checking a connection by

periodically starting a session.

Peters also does not disclose an interface connectable as a default host to a

peripheral or as a default peripheral to a host, or "second automated means for

periodically checking a connection by periodically requesting a session when

connected as a default peripheral interface".

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The Compaq reference discloses that "hubs have status bits that are used to

report attachment or removal of a USB device on one of its ports. The host queries

the hub to retrieve these bits" (page 20, section 4.6.1). Like Peters, this document

does not disclose that a connection is checked by the host interface periodically

starting a session. The host interface only polls a status bit in the hub.

The Compaq reference also does not disclose an interface connectable as a

default host to a peripheral or as a default peripheral to a host, or "second automated

means for periodically checking a connection by periodically requesting a session

when connected as a default peripheral interface".

Claim 1 also has been amended to recite the subject matter of claims 3 and 4

(now cancelled). Applicant submits the following additional remarks regarding the

patentability of claim 1 over the combination of Tomaszewski, Peters, Compaq,

Burke and the Chandler USB 2.0 Reference.

The combination of the Tomaszewski application with the Burke patent is

improper ab initio because combining the teaching of Burke, as it is interpreted by the

Examiner, would render the Tomaszewski method unsatisfactory for its intended

purpose in violation of MPEP 2143.01(V). In particular, the Tomaszewski method

detects whether a camera is attached to a computer by polling a register that indicates

the status of Vbus. As interpreted by the Examiner (Applicant does not admit that

Examiner's interpretation of Burke's teaching is correct) Burke teaches periodically

energizing Vbus. In the Tomaszewski method, this would result in the register value

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associated with Vbus status periodically changing, meaning that the camera would

periodically operate in untethered mode even when connected to the computer. Such

operation would render Tomaszewski's method unsatisfactory for its intended

purpose, since its purpose is to ensure the camera operates in tethered mode when

connected to the computer.

Continuing, the Burke patent discloses a system for restoring a computer from

suspend mode on detecting a stimulus from a USB device, it does not check a

connection as required by claim 1. The computer system 10 of Burke contains a USB

host interface 20, a USB hub 16 and USB peripherals 15, 19. The host interface 20

contains a wake-up controller 34 that is operable to periodically enable a controller

power supply 32 to power Vbus. "The wake-up controller then polls the USB

peripheral using a secondary non-USB protocol ... If a wake-up stimulus has been

received by the peripheral ... wake-up controller 31 wakes up computer system 10"

(Burke, Column 4, lines 36 - 42).

In addition, since the Burke method operates by apparatus associated with the

host periodically energizing Vbus, it is not seen how Burke recites "second automated

means for periodically checking a connection by periodically requesting a session

when connected as a default peripheral interface" as recited in claim 1. Nowhere in

Burke is there any description or suggestion that the peripheral checks a connection

by periodically requesting a session.

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Further, in Burke, the wake-up controller polls the peripheral to see if a wake-

up stimulus has been received by the peripheral, not to check a connection. In fact, it

is assumed that the peripheral is connected throughout the time period when Burke's

method is intended to operate, because a wake-up stimulus cannot be received unless

the peripheral is connected! Therefore, Burke does not disclose a "first automated

means for periodically checking a connection [that] is operable to periodically apply a

voltage to the power signal contact and to receive a response via the data signal

contact" as required by claim 1.

Regarding combining Tomaszewski with the Chandler USB 2.0 Reference,

Tomaszewski already is capable of checking whether the camera is connected to the

computer - it does so by detecting status of Vbus by polling a register - it does not

need to be modified in the manner of the Examiner. In fact, combining the references

in the manner of the Examiner requires a fundamental change in the manner of

operation and wholesale redesign of the primary reference Tomaszewski since the

Tomaszewski reference operates assuming that Vbus is continually powered.

Combining the references in the manner of the Examiner requires that Vbus be

unpowered, thereby changing the principle of operation of the primary reference in

violation of MPEP 2143.01(VI).

Even assuming the combination of the references in the manner of the

Examiner is proper, the combination leaves an unresolved issue which renders

Tomaszewski unsatisfactory for its intended purpose in violation of MPEP

2143.01(V). In particular, the Tomaszewski method is directed to operating a camera

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in a tethered mode when connected to a computer. This requires periodic monitoring.

The Chandler USB 2.0 Reference only teaches that a Session Request Protocol be

used when a session is required by the peripheral, for example, to transfer data to the

host. It says nothing about using the session request protocol in a periodic manner to

test a connection. In fact, the only place where it is appreciated that the session

initiation and request functionality can be used to periodically test a connection is in

Applicant's disclosure. Accordingly, it is the epitome of hindsight to accord the

Chandler USB 2.0 Reference credit for this realization.

The Chandler USB 2.0 reference discloses that in order to conserve power, an

A-device can leave Vbus turned off when the bus is not being used. A B-device can

use a session request protocol (SRP) to request an A-device to supply power on Vbus

to start a session. Chandler discloses that the SRP is used for requesting an A-device

to turn Vbus on, not for checking if a device is connected. Chandler does not disclose

that a B-device periodically use the SRP. Therefore, there is no disclosure or

suggestion in Chandler of using the SRP for periodically checking a connection.

The Examiner alleges that there is nothing to prevent the SRP being repeated

periodically because Chandler teaches that the B-device may repeat the SRP at any

time. Even though Chandler states that the SRP could be repeated at any time, there

is nothing disclosed or suggested that would lead a person skilled in the art to believe

that the SRP is repeated periodically. There would be no motivation for Chandler to

periodically repeat the SRP because in Chandler the SRP is used by a B-device to

request a session, not to check for connection and disconnection. A person skilled in

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the art would not interpret Chandler to teach that a B-device periodically uses the

SRP. As Chandler does not relate to checking the connection/disconnection of a

peripheral, a person skilled in the art would not look to Chandler to modify any of the

art of record.

Claim 1 is therefore patentable over any of Tomaszewski, Peters, Compaq,

Burke or the Chandler USB 2.0 Reference whether taken singly or in combination.

Claim 5, which depends from claim 1, is patentable both as depending from an

allowable base claim for the foregoing reasons, and for reasons associated with its

independently-recited features.

E. Rejection of Claim 3 Under 35 U.S.C. § 103(a)

Claim 3 has been cancelled so its rejection is now moot.

F. Rejection of Claim 4 Under 35 U.S.C. § 103(a)

Claim 4 has been cancelled so its rejection is now moot.

G. Rejection of Claims 6, 7, 11, 13, 14, 15, 16, 24

and 25 Under 35 U.S.C. § 103(a)

In the September 8, 2006 Interview the Examiner and Applicant's

Representative agreed that claims 6, 7, 11, 13, 14, 15, 16 and 24 were allowable.

Applicant reiterates the following arguments supporting the patentability of these

claims.

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Applicant has amended claim 6 to recite that the reason for repeatedly sending

a poll signal is "to check a connection." Claim 24 has been similarly amended. As

set forth above, the Burke patent does not "check a connection"; instead the Burke

patent wakes up a host computer from a "sleep" mode. The Chandler USB 2.0

Reference does not disclose "sending a poll signal via the power signal contact to

check a connection"; rather, in Chandler sending a poll signal (i.e., initiating a session

or requesting a session) is for the purpose of starting a session. There is no

appreciation that the session initiation and request functionality disclosed in the

Chandler reference can be used for the purpose of detecting connection or

disconnection of hosts and peripherals from the dual mode device.

The Examiner alleged that claims 6 and 24 were obvious in view of Burke and

Chandler. A person skilled in the art would not look to Chandler to rectify the

deficiencies in Burke, because there is nothing to suggest it. Any such combination

must result from improper hindsight. Therefore claims 6 and 24 are non-obvious.

The Examiner alleged that claims 15 and 25 were obvious in view of Burke

and Chandler. Even if the references were combined, the combination would not fall

within the scope of the claimed invention because in Burke the host interface does not

check for disconnection by detecting the absence of a reply signal. The wake-up

controller polls the peripheral to see if a wake-up stimulus has been received. If it

has, the wake-up controller wakes-up the computer, if not the wake-up controller

receives an indication that there is no stimulus and the computer remains in suspend

mode awaiting a stimulus from the peripheral. As a result, Burke does not disclose

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"detection means for detecting the absence of a reply signal and the disconnection of the peripheral" as recited in claims 15 and 25. Therefore, claims 5 and 15 are nonobvious.

H. Rejection of Claims 17 – 19, 23 and 26 Under 35 U.S.C. § 103(a)

In the September 8, 2006 Interview the Examiner and Applicant's Representative agreed that claims 17 - 19 and 26 were allowable. Applicant reiterates the following arguments supporting the patentability of these claims.

The Examiner alleged that claims 17 and 26 are obvious in view of Tomaszewski and Chandler. Tomaszewski does not disclose detection means for detecting the absence of a reply signal. In Tomaszewski the camera manager periodically polls the Vbus bit to check for a connection. The Vbus bit indicates whether the camera is tethered to the computer or not. Therefore, Tomaszewski determines disconnection by receiving a reply from the Vbus bit indicating that Vbus is disconnected, not by the absence of a reply signal. Therefore, even if the documents were combined, the combination would not fall within the scope of the present invention. Therefore claims 17 and 26 are non-obvious.

Applicant has amended claim 23 in a manner similar to claim 1. Independent claim 23 is patentable for reasons similar to those set forth in the foregoing arguments. In particular, Tomaszewski does not check a connection by starting or requesting a session; and the Chandler USB 2.0 reference shows no appreciation for

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the fact that session initiation and request functionality can be used to check a connection.

VI. Conclusion

Applicant submits that in light of the foregoing remarks, amendments and the September 8 Interview, the application is now in condition for allowance. Applicant therefore respectfully requests that the outstanding rejections be withdrawn and that the case be passed to issuance.

Respectfully submitted,

September 19,2006

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